

SITE INFORMATION

Site Identifier : GR2RB4 **Landowner Type :** Private
Site Name : **Landowner Name :**
WRIA : 03.0377X **Address :**
Region : NS **Address2 :**
Trib to : Grandy Cr **City :**
River Mile : 7.00 **State :**
River System : Grandy Cr **Zipcode :**
Legal Description : NW1/4S33T36NR8E **Phone :**
County : Skagit
Habitat Type : lower valley wall tributary

Directions :

Take Hwy 20 out of Sedro Woolley for approximately 15.8 miles to the Baker Lake Highway on the left. Turn left and go approximately 6.6 miles to a gated spur road on the right. The site is located just past this spur road.

Area Overview :

This trib appears to be intermittent and surface fed. It also appears to have very high flows as evidenced by the silt and gravel deposits on the lower end of this site. Most of the flow goes subsurface as it hits the lower bench. This site offers small amounts of rearing and spawning habitat.

Field Survey Information

Date : 02/25/1997 **Observer :** Olis **Survey Type :** initial

HABITAT INFORMATION

Water Source: ☐ Spring ☐ Groundwater ☒ Surface runoff

Flow: ☒ Intermittent ☐ Year-round

Estimated Flows (cfs): Lower end: 0.1
 Upper end: 0.4

Water Temperature(C): Lower end: 6.1
 Upper end: 6.6

Receiving Water Temperature (C): 5.3

Other Observations:

Site Area Measurements: ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel: 2m Ponds: Wetlands:
 Depths: Channel: 10cm Ponds: Wetlands:
 Total length (includes ponds and wetlands): 303m

Total existing habitat area (est. m2): 962

| | | | |
|-----------------------|---------------|--------|--------|
| Spawning area: | Mainstem: 3 | Tribs: | Total: |
| Impounded area: | Mainstem: | Tribs: | Total: |
| Other rearing area: | Mainstem: 831 | Tribs: | Total: |
| Unaccessible habitat: | Mainstem: 128 | Tribs: | Total: |

Spawning habitat conditions: ☐ None ☐ Poor ☒ Fair ☐ Good ☐ Excellent

Describe spawning habitat: Consists of: 1" to 4" gravel pockets amongst the cobble, minimum depth for spawners, and a fair amount of cover.

Rearing habitat conditions: ☐ None ☐ Poor ☐ Fair ☒ Good ☐ Excellent

Describe pond and other rearing habitat: At the lower end of the site there is a brushy swamp area that is 32m long by 10m wide but only 2" deep. This area provides some excellent structure and cover. The rest of this site is dominated by riffled habitat with a cobble substrate.

Describe inaccessible habitat: There is 128 square meters of habitat above the road that is made inaccessible because of the culvert. The 3' cmp has a 3' drop and approximately 5% slope. The habitat consists of mostly riffled habitat with a cobble substrate. The banks are incised with poor amounts of cover.

Wetland type: ☐ Bog ☐ Marsh ☐ Scrub-shrub ☐ Forested

Describe:

Flooding potential: ☐ Low ☒ Medium ☐ High

Describe: This site is not affected by Grandy Creek flooding, but it has blown out a few times itself as evidenced by the gravel and silt deposits.

FISH INFORMATION

Site entry condition: ☐ Poor ☒ Fair ☐ Good

Describe: There is a pool area at the entry but it is difficult to discern the stream from the mainstem at this point because of the shallow, brushy swamp that is present at the confluence.

Coho access and use: Juvenile ☐ Unknown ☒ None ☐ Poor ☐ Fair ☐ Good
Adult ☐ Unknown ☒ None ☐ Poor ☐ Fair ☐ Good

Describe: This site is above Grandy Falls, a known barrier to coho migration.

Other species access and use: ☐ Chum ☐ Pink ☐ Sockeye ☐ Chinook ☒ Trout

Describe: Site is accessible to juvenile trout but none were observed during the survey.

ENHANCEMENT OPPORTUNITIES: If the Baker Lake Road gets repaved in the future, this culvert should be looked at a little closer to determine if it is feasible to replace and allow fish passage. In my opinion, there is not enough habitat above the road to warrant a culvert fix, but someone else may think different.

Project type:

Equipment access:

ADDITIONAL COMMENTS: It would be very difficult for an adult salmonid to access this site because of the brushy swamp area at the entry. The water is only 2" deep. It might get a little deeper during a flood event but most of the flow at this point appears to be subsurface.

ATTACHMENTS AVAILABLE

☐ Aerials ☒ Sketch ☒ Maps ☐ Spawning Surveys ☐ Juvenile Trapping
☐ Other References

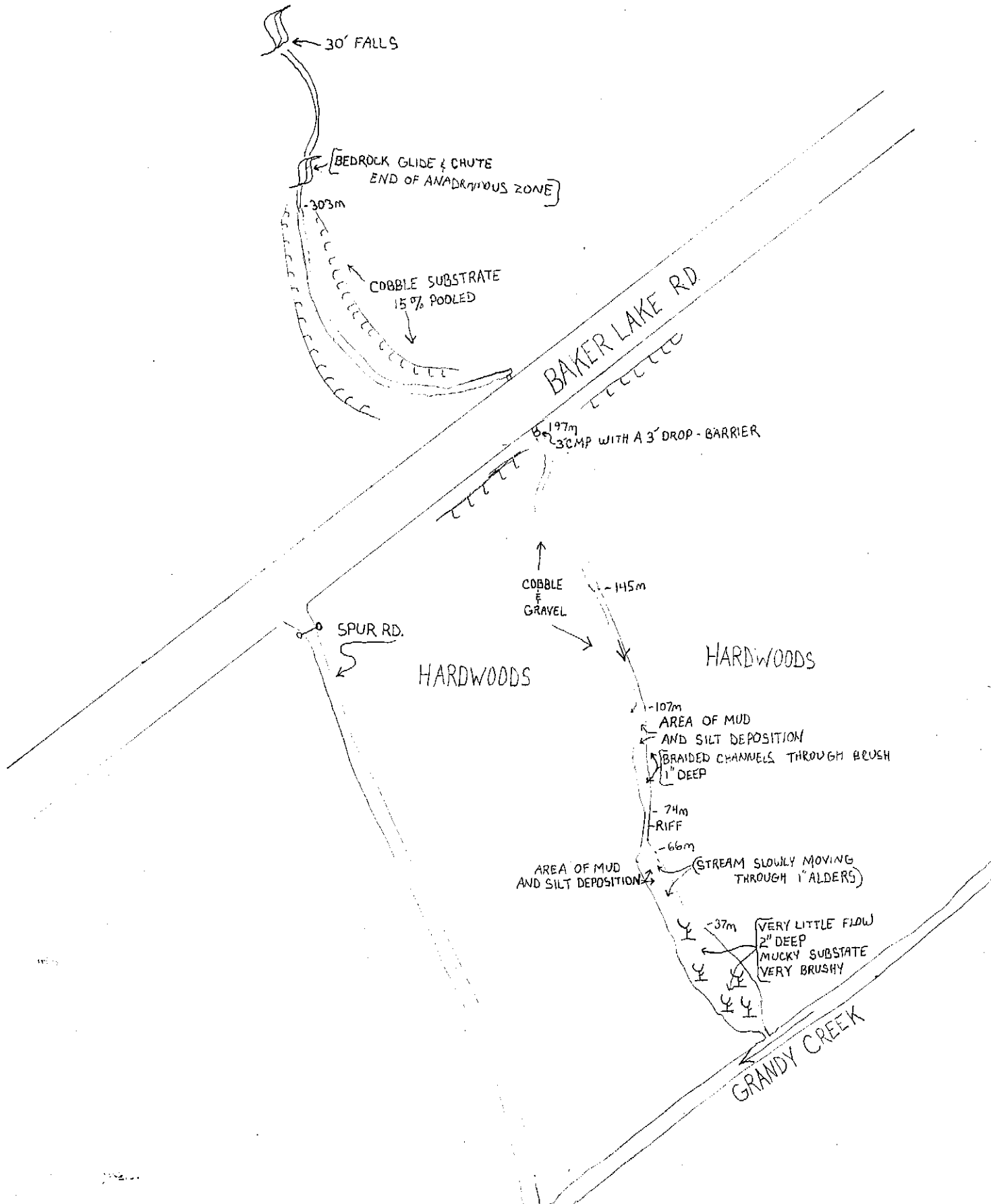
Site id. code: GR2KB4

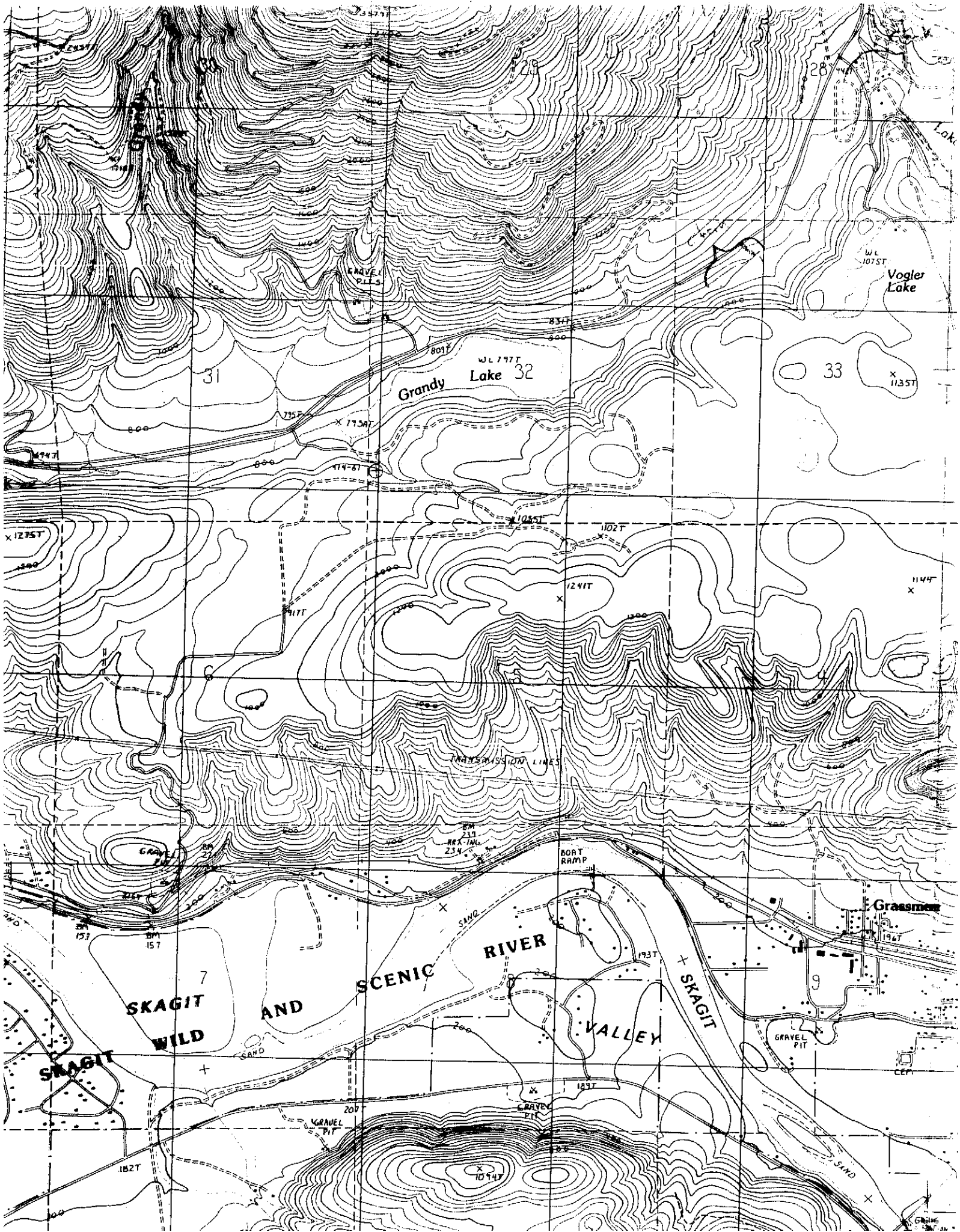
Site name:

Scale: 1" = 40m

Observer(s): M. OLIS

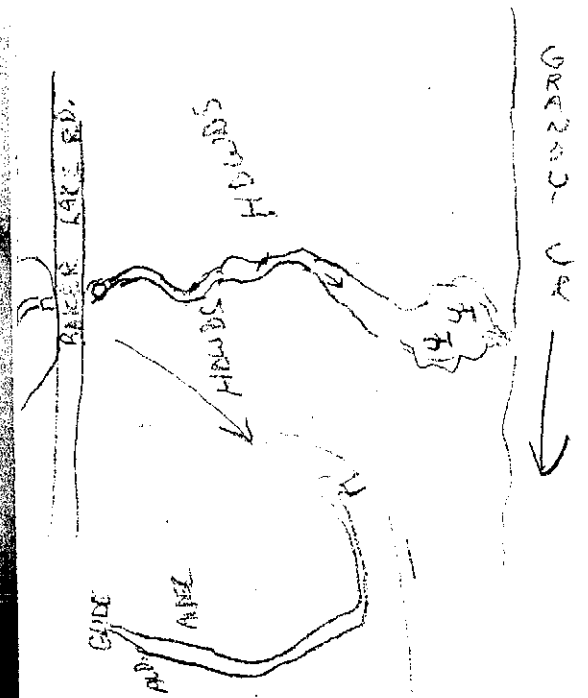
Legal location: NW 1/4 S33T36NR8E





2/25/97

GR2RB4
RM 7.0
NW 1/4 S33 T36 N8E



O.O ENTRY

FLOW 0.1 CFS

- WTR TEMP - 43°
- REC TEMP - 41.5°
- POOL @ ENTRY BUT FISH HAVE TO SWIM THROUGH BRUSHY AREA.

5m - 2m ^{WIDE} 8" DEEP
- SLOW MOVING

37m - 10m ^{WIDE}
- BRUSHY SWAMP AREA
- 2" DEEP - MUCKY SUBSTR.

- LITTLE FLOW
- HEAVY BRUSH - ONLY 3-4 TREES

66m WW 7m

- MORE FLOW - STILL SHALLOW -
- STREAM FLOWING THROU 1" ALDERS
- SOME P-GR, SHOWING UP.
- AREA OF MUD & SILT DEPOSITION
- SEVERAL LARGE COTTON WOODS
- @ POINT WHERE STR. NECKS DOWN &

74m WW 1m

- RIFF

107m WW 4m

- SHALLOW RIFF - BLOW OUT AREA

- ANOTHER AREA OF SMALL GRAVEL & SILT DEPOSITION
- BRAIDED CH THROUGH BRUSH - 1" DEEP -

145m WW 1.5m RIFF
OCCASSIONAL COBBLE & GR.

197m WW 2m RIFF

- COBBLE w/ 1"-4" GR
- 3m² SA HAB
- @ 3' CMP & BAK. L. RD.
- HAS 3' DROP ⇒ BARRIER

218m @ UPPER END
OF CULVERT.

303m WW 1.5m

- SUBSTR. COBBLE

15/85 - P/R

- @ GLIDE IN BEDROCK
STEEP ↑ BARRIER

- 30' FALLS 75m UP
CREEK FROM HERE,

- WTR TEMP 44° - FLOW 0.4

COMMENTS

- STEM FLOW DOWN ON
BENCH (BLOW OUT AREA) HITS
BRUSHY AREA AND MOST OF FLOW
GOES SUBSURFACE.

- IT WOULD BE A DIFFICULT
SITE TO ACCESS FOR ADULT
BECAUSE OF SHALLOW
SWAMPY AREA

- NO FISH SEEN

- ABOVE CULVERT THERE
IS LITTLE HABITAT: AN
OCCASSIONAL POOL AND
GRAVEL SEEMS TO BE
ON LARGE SIDE FOR
SPAWNING,

- SPECULATE SURFACE
FED & INTERMITTANT.

- CULVERT COULD BE
IMPROVED BUT PROB. NOT
ENOUGH HAB. TO WARRANT.